

Project Name	2022 Est. ISD Month - Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost	Explanation
J864 Lone Rock SS Generator Interconnection Facilities and Network Upgrades	Jun-22	3	G-T Interconnection	Planned	A in MTEP20	19225	\$ 1,767,400.00	In-Service
Green County, new DIC	Jul-22	3	T-D Interconnection	Planned	A in MTEP18	15129	\$ 3,223,354.00	In-Service
Elkhorn - North Lake Geneva (X-55) 138 kV, uprate	Aug-22	3	G-T Interconnection	Planned	A in MTEP20	19146	\$ 372,860.00	In-Service
North Lake Geneva Tap - Burlington SS (6541) 138 kV, uprate	Aug-22	3	G-T Interconnection	Planned	A in MTEP20	19146	\$ 1,232,351.00	In-Service
Dodgeville SS Grounding System Upgrades	Aug-22	3	G-T Interconnection	Planned	A in MTEP20	19226	\$ 220,000.00	In-Service
Nelson Dewey SS Grounding System Upgrades	Aug-22	3	G-T Interconnection	Planned	A in MTEP20	19267	\$ 537,753.00	In-Service
J1188 Sheepskin SS Network Upgrades and Interconnection Facilities	Sep-22	3	G-T Interconnection	Planned	A in MTEP22	22046	\$ 1,129,461.00	In-Service
McCue SS, Circuit Breaker Asset Renewal	Oct-22	3	Condition and Performance	Planned	A in MTEP19	14908	\$ 1,920,000.00	Updated ISD
J850 North Creek SS Generator Interconnection Facilities and Network Facilities	Nov-22	3	G-T Interconnection	Planned	A in MTEP20	19146	\$ 6,324,293.00	Updated ISD
South Beaver Dam - North Beaver Dam (Y-59), 69kV, uprate	Nov-22	3	Reliability	Planned	A in MTEP20	14909	\$ 283,550.00	Updated ISD
West Middleton - Stagecoach 69kV (6927), Partial Rebuild	Nov-22	3	Reliability	Planned	A in MTEP20	12175	\$ 4,155,918.00	Cost Update
Hillman SS Grounding System Upgrades	Dec-22	3	G-T Interconnection	Planned	A in MTEP20	19248	\$ 181,784.00	
Spring Green SS Grounding System Upgrades	Dec-22	3	G-T Interconnection	Planned	A in MTEP22	22045	\$ 220,000.00	
Bristol - Elkhorn (X-81) 138 kV, uprate	Dec-22	3	G-T Interconnection	Planned	A in MTEP20	19146	\$ 790,866.00	Updated ISD
Pflaum SS, Asset Renewal	Dec-22	3	Condition and Performance	Planned	A in MTEP18	13768	\$ 1,552,000.00	
Bluff LNG SS, new DIC	Dec-22	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 1,410,000.00	Updated ISD
Eden SS Grounding System Upgrades	Dec-22	3	G-T Interconnection	Planned	A in MTEP20	19246	\$ 794,591.00	
Hill Valley SS Grounding System Upgrades	Dec-22	3	G-T Interconnection	Planned	A in MTEP20	19246	\$ 611,927.00	
Bass Creek - Town Line Road (X-95) 138kV, reconductor	Jan-23	3	G-T Interconnection	Planned	A in MTEP20	19146	\$ 4,445,862.00	Updated ISD
Dane - North Madison (Y-85), 69kV, rerate	Jan-23	3	Line Clearance	Planned	A in MTEP21	14966	\$ 237,200.00	Updated Cost
J1000 Comet SS Network Upgrades and Interconnection Facilities	Mar-23	3	G-T Interconnection	Planned	A in MTEP22	21648	\$ 6,693,598.00	
J1154 Crawfish River Solar Network Upgrades	May-23	3	G-T Interconnection	Planned	A in MTEP22	22047	\$ 2,343,684.00	
Bonnie Road, DIC, New Substation	Jun-23	3	T-D Interconnection	Planned	A in MTEP21	19806	\$ 3,504,413.00	
Tokay SS, DIC, Add Transformer	Jun-23	3	G-T Interconnection	Planned	A in MTEP20	14907	\$ 500,000.00	
J1003 North Beaver Dam SS Network Upgrades and Interconnection Facilities	Jun-23	3	G-T Interconnection	Planned	A in MTEP22	21813	\$ 1,031,386.00	
J947 Tennyson SS Generator Interconnection Facilities and Network Upgrades	Jul-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 5,704,918.00	Updated ISD
Rock River SS Switch Replacement	Sep-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 95,737.00	Updated ISD
J1042 North Lake Geneva SS Network Upgrades and Interconnection Facilities	Sep-23	3	G-T Interconnection	Planned	A in MTEP22	22105	\$ 1,407,357.00	
Hillman SS, Upgrade Transformer	Nov-23	3	G-T Interconnection	Planned	A in MTEP20	19145	\$ 3,132,719.00	Updated ISD
Sun Prairie Park, DIC, Substation Rebuild	Nov-23	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 902,500.00	Updated ISD
Burlington - Sugar Creek, (6541), 138kV, line uprate	Nov-23	3	G-T Interconnection	Planned	A in MTEP22	22225	\$ 4,365,163.00	
Sharon SS, DIC, New Substation	Dec-23	3	T-D Interconnection	Planned	A in MTEP21	14968	\$ 865,000.00	Updated Cost
Colley Road SS, Transformer Replacement and Asset Renewal	Dec-23	3	Condition and Performance	Planned	A in MTEP20	17585	\$ 4,900,000.00	
Gateway - Sycamore (6902), 69kV, rebuild	Dec-23	3	Reliability	Planned	A in MTEP21	14964	\$ 2,900,000.00	
Cardinal - Hickory Creek 345kV, Line Construction	Dec-23	3	Reliability, Economic and Policy	Planned	A in MTEP11	3127	\$ 492,200,000.00	
Barneveld SS, DIC, new substation	Dec-23	3	T-D Interconnection	Planned	A in MTEP20	18052	\$ 13,134,000.00	Updated Cost
North Beaver Dam Ground Grnd Upgrades	Dec-23	3	G-T Interconnection	Planned	A in MTEP22	22085	\$ 550,000.00	
Johnstown SS, DIC, New Substation	May-24	3	T-D Interconnection	Proposed	A in MTEP22	23520	\$ 3,000,000.00	
Columbus SS, DIC, Transformer Replacement	Jun-24	3	T-D Interconnection	Proposed	A in MTEP22	22989	\$ 8,782,155.00	Provisional to Proposed
Reedsburg DIC Substation and T-Line Retirements	Jun-24	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 3,500,000.00	
Spring Green - Wick Drive (Y-170), 69kV, uprate	Jun-24	3	Reliability	Planned	A in MTEP21	14964	\$ 1,500,000.00	
Academy - Columbus 69kV (Y-21), Rebuild	Dec-24	3	Condition and Performance	Planned	A in MTEP21	10590	\$ 8,800,000.00	
Rock County Reliability Project	Dec-24	3	Reliability	Proposed	A in MTEP22	20805	\$ 49,721,000.00	
Lancaster Transformer Replacement & Substation Rebuild	Dec-24	3	T-D Interconnection	Planned	A in MTEP21	20925	\$ 3,700,000.00	Updated ISD
Gaston Road SS, DIC, Additional Transformer	Dec-24	3	T-D Interconnection	Proposed	A in MTEP22	22988	\$ 3,000,000.00	Provisional to Proposed
Cambria SS, DIC, New Substation	Dec-24	3	T-D Interconnection	Proposed	A in MTEP22	23007	\$ 3,000,000.00	Provisional to Proposed
Vmbum Substation 69 kV Capacitor Addition	Dec-24	3	Reliability, Condition and Performance	Planned	A in MTEP22	22986	\$ 3,620,000.00	Proposed to Planned
Northern Dane County, New DIC	Dec-24	3	T-D Interconnection	Provisional	B in MTEP23	23914	\$ 4,470,000.00	
Huskamp - Ruskin (6937), Partial Rebuild	Jun-25	3	Condition and Performance	Planned	A in MTEP22	21347	\$ 7,900,000.00	
Darlington - Rock Branch 69kV (Y-109), Rebuild	Dec-25	3	Condition and Performance	Planned	A in MTEP22	18046	\$ 16,700,000.00	
Nelson Dewey - Bloomington (Y-184), 69kV, rebuild & OPGW	Dec-25	3	Reliability, Condition and Performance	Planned	A in MTEP22	19962	\$ 16,300,000.00	
Rockdale and Christiana SS - Control House and Relay Asset Renewal	Dec-25	3	Condition and Performance	Planned	A in MTEP22	21628	\$ 5,800,000.00	
Rock Branch SS, Relay Replacement and Asset Renewal	Dec-25	3	Condition and Performance	Planned	A in MTEP22	16766	\$ 1,111,290.00	

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Wick Drive – Black Earth (Y-62), OPGW Addition	Dec-25	3	Communication	Provisional	A in MTEP23	23858	\$ 3,827,370.00	
Stoughton SS, DIC, Substation Retirement	Dec-25	3	T-D Interconnection	Provisional	A in MTEP23	20204	\$ 50,000.00	
South Beaver Dam - Hubbard, (Y-134), 69kV Rebuild & OPGW	Dec-26	3	Condition and Performance	Planned	A in MTEP22	18047	\$ 20,100,000.00	
South Monroe – Brownstone (Y-155), Partial Rebuild	Dec-26	3	Condition and Performance	Planned	A in MTEP22	21916	\$ 10,300,000.00	
Kirkwood SS, Power Transformer and Breaker Asset Renewal	Dec-26	3	Condition and Performance	Planned	A in MTEP23	19963	\$ 14,069,000.00	Updated Provisional to Proposed / Target A in MTEP23 / Updated Cost
Gran Grae SS, Install a second 161/69kV transformer	Dec-26	3	Reliability	Provisional	--	--	\$ 8,200,000.00	
McCue SS Control House and Relay Asset Renewal	Dec-26	3	Condition and Performance	Planned	A in MTEP23	23895	\$ 9,500,000.00	
North Beaver Dam SS Asset Renewal	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23903	\$ 5,874,135.00	
Blount SS Asset Renewal	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23907	\$ 4,966,775.00	
Sycamore SS Asset Renewal	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23908	\$ 4,066,906.00	
East Campus SS Asset Renewal	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23909	\$ 3,370,125.00	
Walnut GIS Asset Renewal	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23875	\$ 3,865,356.00	
Eden – Rock Branch 69kV (Y-106) Uprate	Dec-26	3	Condition and Performance	Provisional	A in MTEP23	23910	\$ 10,240,000.00	
Renewable Reinforcement Project	Dec-27	3	Reliability	Provisional	B in MTEP22	21905	\$ 50,000,000.00	
South Beaver Dam – North Beaver Dam, 69kV (Y-59) Line Rebuild	Dec-27	3	Condition and Performance	Provisional	A in MTEP23	23904	\$ 11,300,000.00	
Hillman - Darlington 138kV (X-14/X-101), Rebuild	Dec-28	3	Condition and Performance	Proposed	A in MTEP18	4726	\$ 28,500,000.00	
Rock Branch - Dodgeville 69kV (Y-35), Partial Rebuild	Dec-28	3	Condition and Performance	Provisional	--	--	\$ 10,300,000.00	
South Fond du Lac - Spring Brook 69kV (Y-133), Partial rebuild	Dec-30	3	Condition and Performance	Provisional	B in MTEP18	13739	\$ 17,000,000.00	
Walnut - Blount, new 69kV transmission line	Dec-31	3	Reliability	Provisional	B in MTEP21	1730	\$ 24,000,000.00	
LRTIP-06: Tremval – Rocky Run – Columbia	Jun-29	Z1, Z3	L RTP	Planned	A in MTEP21	23408	\$ 850,300,000.00	

LEGEND	
No Shading	= No change to project since previous Assessment
Green Shading	= Project In-Service
Orange Shading	= new project, was not in previous Assessment project list
Gray Shading	= Some Change has happened since the last posted list
COMMONLY USED DEFINITIONS	
DIC - Distribution Interconnection	GIC - Generator Interconnection
GIA - Generator Interconnection Agreement	MPFCA - Multi-Party Facility Agreement
MISO MTEP Appendix - Indicates MTEP Cycle, Cycles MTEP21 and prior are Certified in MISOs' Regional Plan for A projects (BOLDED), MTEP22 and future cycles are not yet certified at the time of publication (10/2022).	